CLAIMS

1. A compound having the following chemical formula (1):

- 2. A composition containing 0.001% by dry mass or more of the compound according to claim 1.
- 3. The composition according to claim 2, which is an extract of a plant of the family *Liliaceae* or a fraction thereof.
- 4. The composition according to claim 3, wherein the plant of the family *Liliaceae* is Aloe vera (*Aloe barbadensis Miller*).
- 5. A hyperglycemia improving agent, which contains the compound according to claim 1 or the composition according to any one of claims 2 to 4 as an active ingredient.
- 6. A drug containing the hyperglycemia improving agent according to claim 5.
- 7. Food or drink containing the hyperglycemia improving agent according to claim 5.
- 8. Food or drink containing the compound according to claim 1 or the composition according to any one of claims 2 to 4 as an active ingredient, having a hyperglycemia

improving effect, and attached with an indication that the food or drink is used for improvement of hyperglycemia.

- 9. A method for producing the compound according to claim 1 or a composition containing the compound, which comprises extracting a fraction containing the compound from a plant of the family *Liliaceae* and containing the compound according to claim 1, a part thereof or a disruption product thereof by using an organic solvent or hot water and concentrating the fraction.
- 10. The method according to claim 9, wherein the plant of the family *Liliaceae* is Aloe vera (*Aloe barbadensis Miller*).
- 11. Use of a compound having a structure represented by the following chemical formula (1) or a composition containing the same for the production of a drug for improving hyperglycemia.

- 12. The use according to claim 11, wherein the composition is an extract of a plant of the family Liliaceae or a fraction thereof containing 0.001% by dry mass or more of the compound.
- 13. The use according to claim 12, wherein the plant of the family *Liliaceae* is Aloe vera (*Aloe barbadensis Miller*).

14. A method for improving hyperglycemia, which comprises administering a compound having a structure represented by the following chemical formula (1) or a composition containing the same to a subject whose hyperglycemia is to be improved.

- 15. The method according to claim 14, wherein the composition is an extract of a plant of the family Liliaceae or a fraction thereof containing 0.001% by dry mass or more of the compound.
- 16. The method according to claim 15, wherein the plant of the family *Liliaceae* is Aloe vera (*Aloe barbadensis Miller*).